

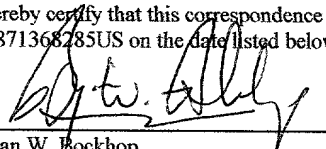
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11/15/01

J1046 U.S. PTO  
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11/15/01

November 14, 2001

	SHEETS OF	[X] FORMAL DRAWINGS	<input type="checkbox"/> INFORMAL DRAWINGS
X	OATH OR DECLARATION OF APPLICANT(S)		
X	A POWER OF ATTORNEY		
	A CHECK IN THE AMOUNT OF \$0.00 TO COVER THE FILING FEE		
X	PTO-2038, <b>CREDIT CARD PAYMENT FORM</b> . THE COMMISSIONER IS REQUESTED TO CHARGE \$740.00 TO THE CREDIT CARD LISTED IN THE PTO-2038 TO COVER THE FILING FEE		
X	ASSIGNMENT OF THE INVENTION TO INTERNATIONAL BUSINESS MACHINES CORPORATION, ARMONK, NEW YORK 10504		
X	ASSIGNMENT RECORDATION COVER SHEET		
X	A CHECK IN THE AMOUNT OF \$40.00 TO COVER RECORDATION OF THE ASSIGNMENT		
X	INFORMATION DISCLOSURE STATEMENT		
X	PTO-1449 AND COPIES OF DISCLOSED REFERENCES		
X	THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY DEFICIENCIES OR CREDIT ANY OVERPAYMENT TO ACCOUNT NO. 501403 PLEASE NOTE: A CREDIT CARD PAYMENT AUTHORIZATION IS FILED HEREWITH. THE COMMISSIONER IS <b><i>NOT</i></b> AUTHORIZED TO CHARGE THE BASIC FILING FEE (EXCEPT FOR ANY DEFICIENCIES) TO THE DEPOSIT ACCOUNT.		
	A CERTIFIED COPY OF PREVIOUSLY FILED FOREIGN APPLICATION NO. FILED IN ON.		

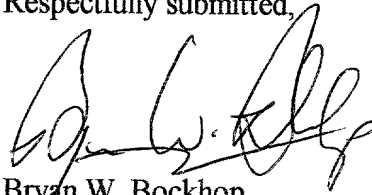
X	<p>I hereby certify that this correspondence is being placed in the United States Mail as Express Mail No EL871368785US on the date listed below.</p> <p style="text-align: center;">               Bryan W. Bockhop         </p> <p style="text-align: right;">             11/15/01              Date         </p>
X	OTHER (IDENTIFY): <b>RETURN PTO POSTCARD</b>

The filing fee is calculated as follows:

**CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT**

TOTAL CLAIMS = 11 - 20 = 0 x \$18.00 =	\$0.00
INDEPENDENT CLAIMS = 2 - 3 = 0 x \$80.00 =	\$0.00
BASIC FEE =	\$740.00
TOTAL OF ABOVE CALCULATIONS =	\$740.00
REDUCTION BY 1/2 FOR SMALL ENTITY =	\$0.00
TOTAL FILING FEE =	\$740.00

Respectfully submitted,



Bryan W. Bockhop  
Registration No.: 39,613

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**PTO CUSTOMER NO.: 25854**